

Title (en)
METHOD FOR LEACHING GOLD AND SILVER

Publication
EP 0512247 A3 19930505 (DE)

Application
EP 92105566 A 19920401

Priority
DE 4114514 A 19910503

Abstract (en)
[origin: EP0512247A2] In the so-called cyanidation-in-mill technique, the ores, ore concentrates and gangue material, which are to be leached, from previous incomplete leachings are treated with a cyanide-containing leaching solution already in the mill, gold and silver being leached out at least partially. As compared with the previously known cyanidation-in-mill technique in the presence of hydrogen peroxide, the gold yield can be substantially increased if the leaching is carried out in the presence of a peroxoborate compound. The peroxoborate can be present in a solid and/or dissolved form. Preferably 10 to 60 equivalents of peroxoborate are used per tonne of the material to be leached.

IPC 1-7
C22B 11/08

IPC 8 full level
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CPC (source: EP)
C22B 11/08 (2013.01)

Citation (search report)

- [XPD] DE 4017899 C1 19911114
- [A] AU 587850 B2 19890831 - BENDIGO GOLD

Designated contracting state (EPC)
AT DE ES FR GB PT SE

DOCDB simple family (publication)
EP 0512247 A2 19921111; EP 0512247 A3 19930505; EP 0512247 B1 19960228; AT E134712 T1 19960315; AU 1596092 A 19921105; AU 642087 B2 19931007; BR 9201586 A 19921215; CA 2067841 A1 19921104; DE 4114514 A1 19921105; DE 59205427 D1 19960404; ES 2084203 T3 19960501; ZA 923190 B 19930127; ZW 4892 A1 19930217

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